WHAT IS CLAIMED IS:

1. An image processing apparatus that generates information used for color correction of an image, said image processing apparatus comprising:

5   an image input module that inputs an image as an object of generation of color correction information, where device identification information for identifying an image generation device is attached in advance to the input image;

a color adjustment module that performs color adjustment

10   of the input image;

a color correction information generation module that compares an original image prior to the color adjustment by said color adjustment module with a resulting color-adjusted image after the color adjustment and generates color correction

15   information for converting the original image into the resulting color-adjusted image, based on a result of the comparison; and

a color correction information storage module that stores the generated color correction information in mapping

20   to the device identification information, which is attached to the input image as the object of generation of color correction information.

2. An image processing apparatus in accordance with claim

1, wherein said color adjustment module varies at least one of hue, lightness, and saturation with regard to at least part of the input image.

3. An image processing apparatus in accordance with claim 1, wherein said color adjustment module performs the color adjustment while displaying an adjustment image under color adjustment.

4. An image processing apparatus in accordance with claim 3, wherein said color adjustment module performs the color adjustment while displaying the original image.

5. An image processing apparatus in accordance with claim 1, wherein said color adjustment module gives a print instruction to a printing apparatus in the middle of color adjustment to print an adjustment image under color adjustment.

6. An image processing apparatus in accordance with claim 1, wherein said image input module inputs a predetermined image including multiple standard colors as the object of generation of color correction information.

7. An image processing apparatus in accordance with claim 1, wherein said color adjustment module performs color adjustment of an input image with attachment of color space information for regulating a variation in color space of the image generation device.

8. An image processing apparatus in accordance with claim 7, wherein said color adjustment module performs color adjustment of an image adapted by the color space information, and

5   said color correction information generation module modifies the color space information to generate the color correction information.

9. An image processing apparatus in accordance with claim 7, wherein the color space information is an ICC profile.

10   10. An image processing apparatus in accordance with claim 1, wherein said color correction information generation module generates the color correction information as color space information for regulating a variation in color space of the image generation device.

15   11. An image processing apparatus in accordance with claim 10, wherein the color space information is an ICC profile.

12. An image processing apparatus in accordance with claim 1, said image processing apparatus further comprising:

a correction image input module that inputs an image as 20   an object of color correction, where device identification information is attached in advance to the input image; and

a color correction information attachment module that, in response to input of an image by said correction image input

module, when color correction information corresponding to the device identification information attached to the input image is stored in said color correction information storage module, attaches the corresponding color correction information to the

5   input image.

13. An image processing apparatus in accordance with claim 12, wherein said color correction information attachment module attaches the color correction information to the input image as color space information for regulating a variation

10   in color space of the image generation device.

14. An image processing apparatus in accordance with claim 13, wherein the color space information is an ICC profile.

15. An image processing apparatus in accordance with claim 1, wherein the device identification information is

15   either of information for individual recognition of the image generation device and information for identifying a manufacturer of the image generation device.

16. An image processing method that generates information used for color correction of an image, said image

20   processing method comprising the steps of:

(a) inputting an image as an object of generation of color correction information, where device identification information for identifying an image generation device is

attached in advance to the input image;

(b) performing color adjustment of the input image;

(c) comparing an original image prior to the color adjustment by said color adjustment module with a resulting

5   color-adjusted image after the color adjustment and generates color correction information for converting the original image into the resulting color-adjusted image, based on a result of the comparison; and

(d) storing the generated color correction information

10   in mapping to the device identification information, which is attached to the input image as the object of generation of color correction information.

17. An image processing method in accordance with claim 16, wherein said step (b) performs color adjustment of an input

15   image adapted by color space information attached to the input image for regulating a variation in color space of the image generation device, and

said step (c) modifies the color space information to generate the color correction information.

20   18. An image processing method in accordance with claim 16, said image processing method further comprising the steps of:

(e) inputting an image as an object of color correction,

32

where device identification information is attached in advance

to the input image; and

(f) when color correction information corresponding to

the device identification information attached to the input

5   image is stored, attaching the corresponding color correction

information to the input image.